

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : David L. Brugman, et al.  
For : METHOD AND APPARATUS FOR  
TELECOMMUNICATIONS LINK  
CAPACITY DETERMINATION  
Serial No. : 09/960,252  
Filed : September 21, 2001  
Group Art Unit : 2642  
Attorney Docket No. : LUT 2 0078  
Brugman 2-2-2-1-2  
Cleveland, Ohio 44114-2518

**POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS**

Assistant Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

We, David L. Brugman, Donald R. Smiley, David L. Spaay, Adrian L. Thomas and Nelson Tom, joint and named inventors of the above-identified patent application, hereby appoint and revoke as follows:

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked; and,

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## NEW POWER OF ATTORNEY

the following attorneys are hereby appointed with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
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John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Gregory J. Murgia	(Reg. No. 41209)
Neil R. Ormos	(Reg. No. 35309)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Jeffrey M. Weinick	(Reg. No. 36304)

We hereby appoint the attorney(s) below as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Richard J. Minnich	Reg. No. 24,175
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Patrick D. Floyd	Reg. No. 39,671
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Date: 3-19-02

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Date: \_\_\_\_\_

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David L. Spaay

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Adrian L. Thomas

Date: \_\_\_\_\_

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Date: 3/27/2002

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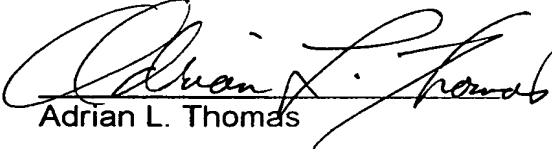
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*Nelson Tom*  
Nelson Tom

Date: 3-14-02

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**Danielle E. DiTarranto**  
Notary Public, Morris County, NJ  
My Commission Expires January 24, 2007

*Danielle E. DiTarranto*